

Community-Based Job Training Grants

Alpena Community College



Grantee: Alpena Community College

Industry Focus: Construction – Materials

Key Partners: Northeast Michigan Consortium Workforce Development Board, Besser Company, Lafarge North America, Oldcastle, Inc., National Ready Mix Concrete Association, National Precast Concrete Association, American Concrete Institute, National Concrete Masonry Association, Alpena Public Schools, Ferris State University, and Kettering University

Grant Amount: \$1,941,935

Leveraged Amount: \$970,000

Location of Grant Activities: Alpena County and surrounding areas, Michigan

Challenge: Industry officials from construction material supplier firms are experiencing a shortage of professional, production and technical employees.

Addressing the Challenge: Alpena Community College will create a program to supply demand-driven workforce solutions in the high growth, high demand cement, concrete, and construction materials sector. The project will address industry identified workforce challenges by: 1) developing a technology-based learning certificate using online courses, DVD digital capture, and streaming video targeting incumbent, unemployed, and underemployed workers; 2) expanding the Associate in Applied Science program to a second group of students with a national recruiting scope; 3) creating a track of the AAS program to accommodate students with leadership aspirations by offering industry-specific courses in business, management, and supervision; 4) and creating a pathway for potential students to transfer into the program with general education requirements completed elsewhere.

Projected Outcomes:

- 450 incumbent workers and 50 Associate Degree students trained
- 200 trainees taking the technology-based distance learning modules
- 50 AAS students trained in the Concrete Studies
- Adapting existing and developing new curricula to support technology-based distance learning
- Train-the-trainer sessions to teach innovative methods and instructional design to meet the needs of employers

